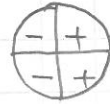


Merkit :

sin



cos

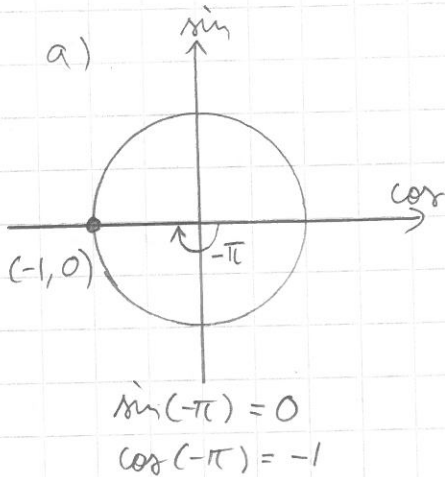


arvost :  $-1 \leq \sin \alpha \leq 1$

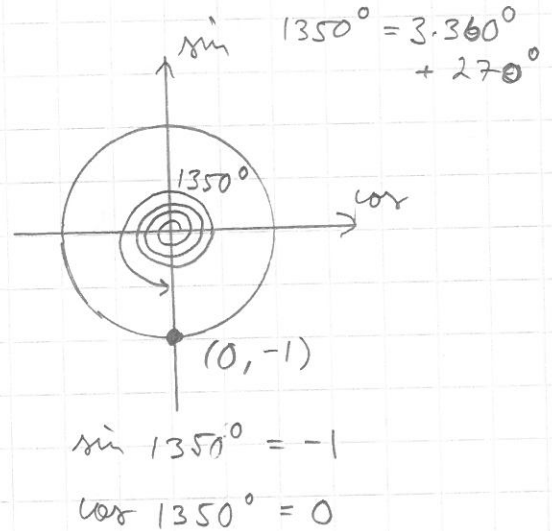
$-1 \leq \cos \alpha \leq 1$

Esim. Määritä ilman laskinta  $\sin \alpha$  ja  $\cos \alpha$  kun  $\alpha$  on a)  $-\pi$ ,  
b)  $1350^\circ$ .

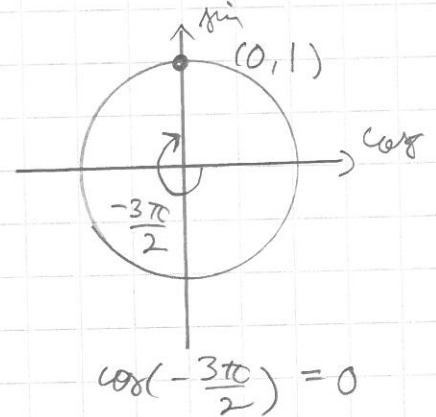
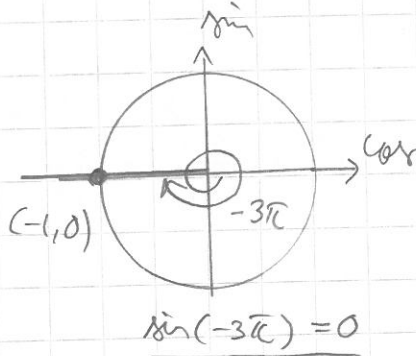
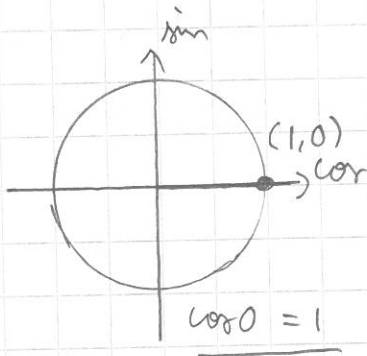
Ratk. a)



b)



2.4



2.11 a)  $\cos(5 \cos \frac{\pi}{5}) = \cos(5 \cdot 0,809017) = -0,618871 \approx -0,619$

b)  $\sin(2 \cos 43^\circ - \pi) = -0,994164 \approx -0,994$   
0,1731354